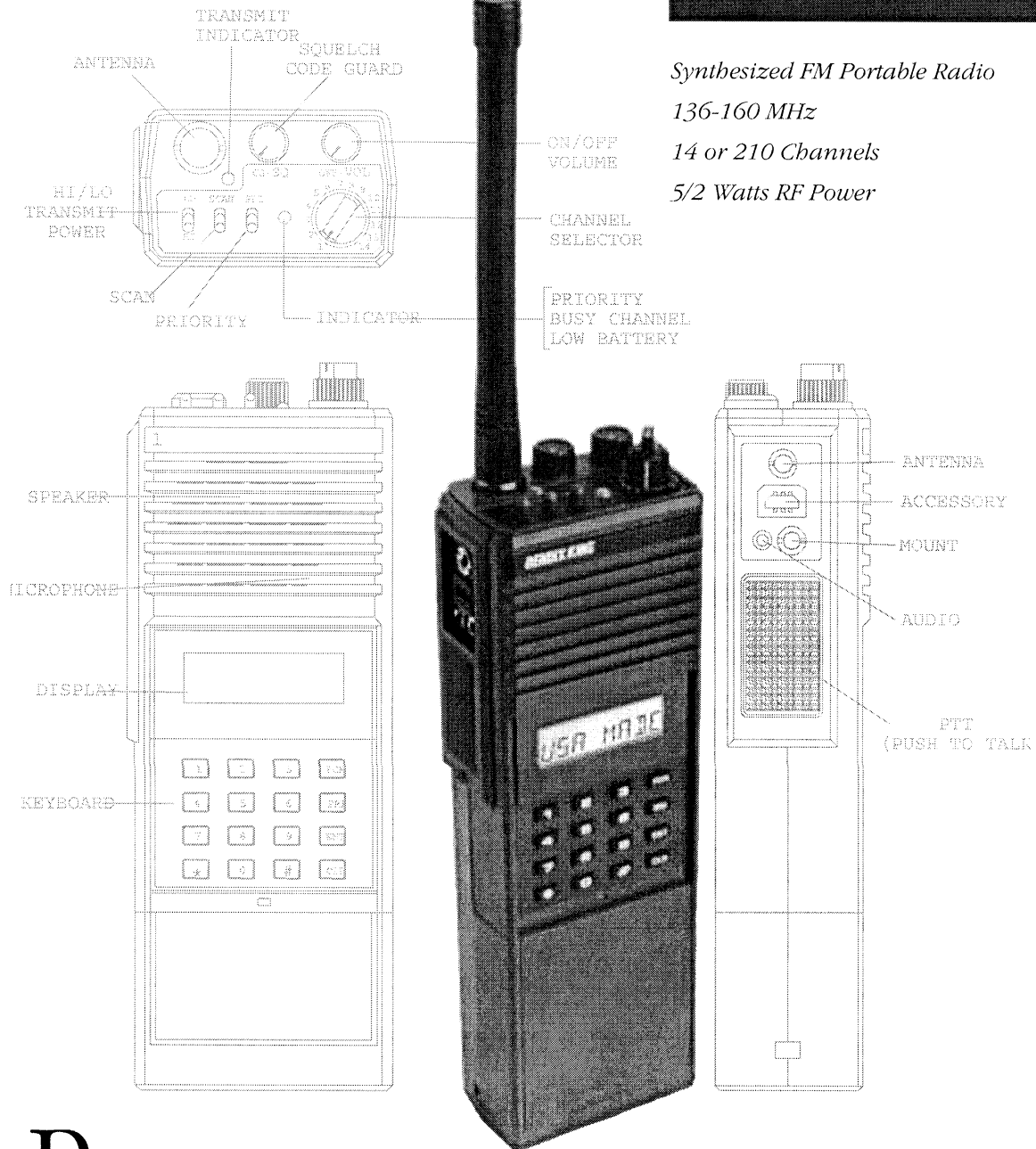


EPI

FLEX•MODE™



Synthesized FM Portable Radio

136-160 MHz

14 or 210 Channels

5/2 Watts RF Power

Powerful. Innovative. Rugged and reliable. The Bendix/King EPI series delivers a 24 MHz operating frequency spread, PC programmability and cloning, ultra-low battery drain and built-in CTCSS/CDCSS. Discover Bendix/King.

BENDIX/KING®
WORLD CLASS RADIOS.™

Synthesized FM Portable Radio
 136-160 MHz
 14 or 210 Channels
 5/2 Watts RF Power
 Channel Spacing 25/30 kHz, 12.5/15 kHz
 Programmable by channel



MODEL NUMBER	Lexan Metal	EPI 510 1A EPI 510 1M	EPI 510 2S EPI 510 2X			
Frequency -MHz		136-160	136-160			
Channels		14	210			
RF Output - Watts		5/2	5/2			
Priority Scan		INCL.	INCL.			
Keyboard		INCL.	INCL.			
Alphanumeric LCD		--	INCL.			
DTMF Encode		INCL.	INCL.			
DTMF ANI		INCL.	INCL.			
Signalling Options		--	--			
Battery Life (5 - 5 - 90%)						
Std. NiCd (LAA 0121) - hrs.		5	5			
Lrg. NiCd (LAA 0125) - hrs.		12	12			
Lrg. NiCd (LAA 0105) - hrs.		8	8			
Channels Increments - kHz		5 or 12.5	5 or 12.5			
GENERAL		ALL MODELS				
Operating Voltage		10 V. NOM.				
Tone Code Guard (CTCSS)		INCLUDED				
Digital Code Guard (CDCSS)		INCLUDED				
Time Out Timer		INCLUDED				
Operating Temperature - C°		-30 TO +60				
Size- W x D x H (in.)	Std. Battery	2.55 x 1.5 x 6.6				
	Lrg. Battery	2.55 x 1.5 x 7.8				
Weight (oz.)	Std. Battery	20				
	Lrg. Battery	24				
Standby Current Drain - mA		15*				
Antenna		HELICAL WOUND MOLDED RUBBER FLEX				
Stability - PPM		±5				
Channel Spacing - kHz		25/30 or 12.5/15				
STANDARDS		MIL-STD 810				
		C	D	E		
	Mthd.	Proc.	Mthd.	Proc.	Mthd.	Proc.
Low Pressure	500.1	1	500.2	1	500.3	1
High Temp.	501.1	1 & 2	501.2	1 & 2	501.3	1 & 2
Low Temp.	502.1	1	502.2	1 & 2	502.3	1 & 2
Temp. Shock	503.1	1	503.2	1	503.3	1
Solar Radiation	505.1	1	505.2	1	505.3	1
Humidity	507.1	2	507.2	2	507.3	2
Dust	510.1	1	510.2	1	510.3	1
Vibration	514.2	8 & 10	514.3	1	514.4	1
Shock	516.2	1, 2 & 5	516.3	1 & 4	516.4	1 & 4
Metal Case models only:						
Rain	506.1	1&2	506.2	1&2	506.3	1&2
Salt Fog	509.1	1	509.2	1	509.3	1
Unit meets U.S. Forest Service vibration and EIA RS-316B vibration and shock specifications.						
				* Signalling Options: 2-TONE DECODE, 5-TONE DECODE, SCRAMBLING		
				* Standby Current Drain with Options - mA: 25		
				TRANSMITTER		
				<u>25/30</u> <u>12.5/15</u>		
				Operating Frequency Spread	24 MHz	24 MHz
				Modulation	15K0F2D	15K0F2D
					16K0F3E	16K0F3E
					16K0FXE	16K0FXE
				Spurious and Harmonics - dB	60	60
				Hum and Noise - dB (per EIA)	43	37
				Audio Distortion - %	3	3
				Audio Response (per EIA) - dB	+1/-3	+1/-3
				RECEIVER		
				<u>25/30</u> <u>12.5/15</u>		
				Sensitivity: 12 dB Sinad - uV	.25	.25
				Operating Frequency Spread	24 MHz	24 MHz
				Selectivity - dB	72	60
				Spurious including Image - dB	75	75
				Intermodulation - dB	70	60
				Audio Output - mW @ 5% dist.	500	500
				Audio Response (per EIA) - dB	+1/-3	+1/-3
				FCC Type Acceptance ASY 90Q LT 20001 Parts: 22, 74, 80, 90		
				Specifications subject to change without notice.		
				Measurements made in accordance with applicable EIA standards.		
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				800-648-0947		
				(407) 984-1414 • Fax (407) 984-0434		
				www.relm-comm.com		